Power Pentode

NEONOVAL TYPE

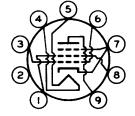
GENERAL DATA

Electrical:

Heater Characteristics and Ratings (Design-Maximum Values):
Voltage (AC or DC)
Peak heater-cathode voltage:
Heater negative with
respect to cathode 200 max. volts
Heater positive with
respect to cathode 200° max. volts
Direct Interelectrode Capacitances
(Approx.): ^D Grid No.1 to plate 0.9 μμf
Grid No.1 to plate 0.9 μμf Grid No.1 to cathode & grid No.3,
grid No.2, and heater \dots 18.0 $\mu\mu$ f
Plate to cathode & grid No.3,
grid No.2 and heater 7.0 μμf
Mechanical:
Operating Position
Type of Cathode Coated Unipotential
Maximum Overall Length
Maximum Seated Length 2.920"
Length, Base Seat to Bulb Top (Excluding tip) 2.370" to 2.610"
Diameter
Base Large-Button Neonoval 9-Pin (JEDEC No.E9-68)
Basing Designation for BOTTOM VIEW 9EU

Pin 1-Grid No.2 Pin 2 - No Internal Connection Pin 3-Grid No.1 Pin 4-Heater

Pin 5-Heater



Pin 6-Grid No.1 Pin 7 - Cathode, Grid No.3 Pin 8-Grid No.2 Pin 9-Plate

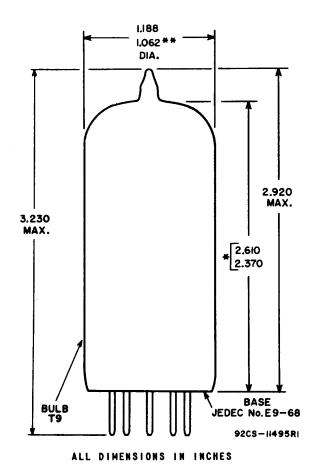
AF POWER AMPLIFIER - Class A

Maximum Ratings, Design-Maximum Values:

PLATE VOLTAGE	220 max.	volts
GRID-No.2 (SCREEN-GRID) VOLTAGE	140 max.	volts
GRID-No.2 INPUT	1.4 max.	watts
PLATE DISSIPATION	12 max.	watts

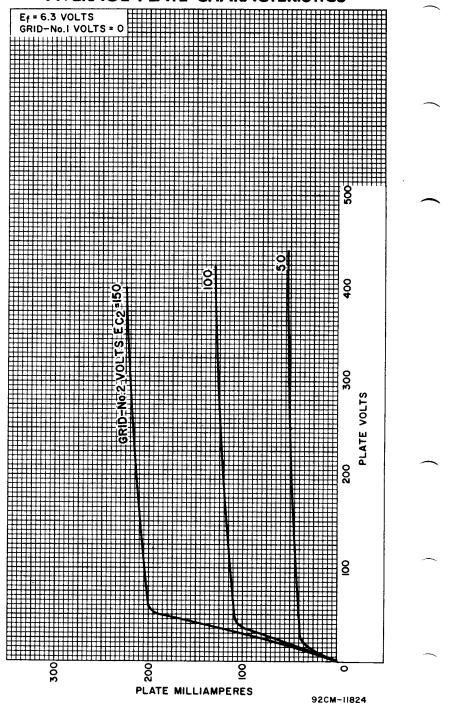
Typical Operation and Characteristics:

	Fixed Bias	Cathode Bias		$\overline{}$
Plate Supply Voltage	110 110 -7.5 -7.5 49 50 4 10 13000 8000 2000 10 2.1	180 8.5 46 47 2.2 8.5 28000 8000	volts volts volts ohms volts ma ma ma ohms	
Maximum Circuit Values: Grid-No.1-Circuit Resistance: For fixed-bias operation For cathode-bias operation	_	max.	megohm megohm	

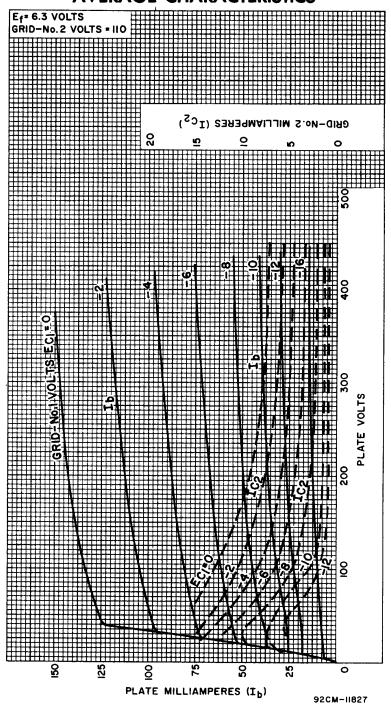


- ** APPLIES IN ZONE STARTING 0.375" FROM BASE SEAT.
- * MEASURED FROM BASE SEAT TO BULB-TOP LINE AS DETERMINED BY A RING GAUGE OF 0.600" INSIDE DIAMETER.

AVERAGE PLATE CHARACTERISTICS



AVERAGE CHARACTERISTICS



OPERATION CHARACTERISTICS

